<u>Japanese Patent Laid-Open Publication No. 09-28682</u>

[Title of the Invention]
  PERSONAL HEALTH MANAGEMENT SYSTEM

[Claims]

1. A personal health management system installed outside a hospital, comprising:
  a data collecting means for collecting data of vital examination or data of specimen examination;
  an abnormal value detecting means for detecting abnormal values that indicate abnormality of the health condition according to the data collected by the data collecting means; and
  a communication means for notifying the relevant examination results to the hospital in conformity to the detection of abnormal values by the abnormal value detection means.

3. A personal health management system installed at a household, which has a personal communication means including a regular communication means installed in a household to communicate with institutes outside the household at the normal time and an emergency communication means for carrying out communication in an emergency, the system further comprising at least one of:
  a normal-time health management means for managing individual health at the normal time;
  a home care service management means for managing the information concerning the medical care service at home when medical care service at home is carried out;
  an individual information management means for managing the information concerning the individual;
  a living information management means for managing the information concerning living; and
  a work information management means for managing the work information for telecommuting.

Paragraphs [0008]-[0010]

[0008]

[Problems to be Solved by the Invention]
  The present invention is made to cope with the above-mentioned conditions, and

1

it is an object of the present invention to provide a personal health management system for constantly managing the individual health so that an individual can receive appropriate medical care (including nursing care) at a suitable time when the individual becomes ill.
[0009]
[Means of Solving the Problems]

The personal health management system related to claim 1 of the present invention is a system installed outside a hospital, and comprises: a data collecting means for collecting data of vital examination or data of specimen examination; an abnormal value detecting means for detecting abnormal values that indicate abnormality of the health condition according to the data collected by the data collecting means; and a communication means for notifying the relevant examination results to the hospital in conformity to the detection of abnormal values by the abnormal value detection means.
[0010]

In addition, the personal health management system related to Claim 3 of the present invention is a system installed at a household, and has a personal communication means including a regular communication means installed in a household to communicate with institutes outside the household at the normal time and an emergency communication means for carrying out communication in an emergency. The system further comprises at least one of: a normal-time health management means for managing individual health at the normal time; a home care service management means for managing the information concerning the medical care service at home when medical care service at home is carried out; an individual information management means for managing the information concerning the individual; a living information management means for managing the information concerning living; and a work information management means for managing the work information for telecommuting.

Paragraph [0014]

The personal health management system 5 is installed outside the hospital institutes, for example, at a household, whereas the hospital information system 1 is installed inside the hospital institutes.

Paragraph [0016]

Now, description is made on the hardware configuration of the personal health management system 5. The living body examination unit 10 has sensors for sensing light, temperature, pressure, ultrasonic sensors, etc., and is a unit for carrying out the living body examination such as blood pressure, body temperature, heartbeat, weight, eye sight (image data), etc., thus to measure the living body examination data. The

measured living body examination data are collected at the data collecting circuit 11 and transmitted to the analysis circuit 12.   The analysis circuit 12 judges and analyzes whether the transmitted living body examination data is within the limits of normal value or beyond the normal value, that is, abnormal value.
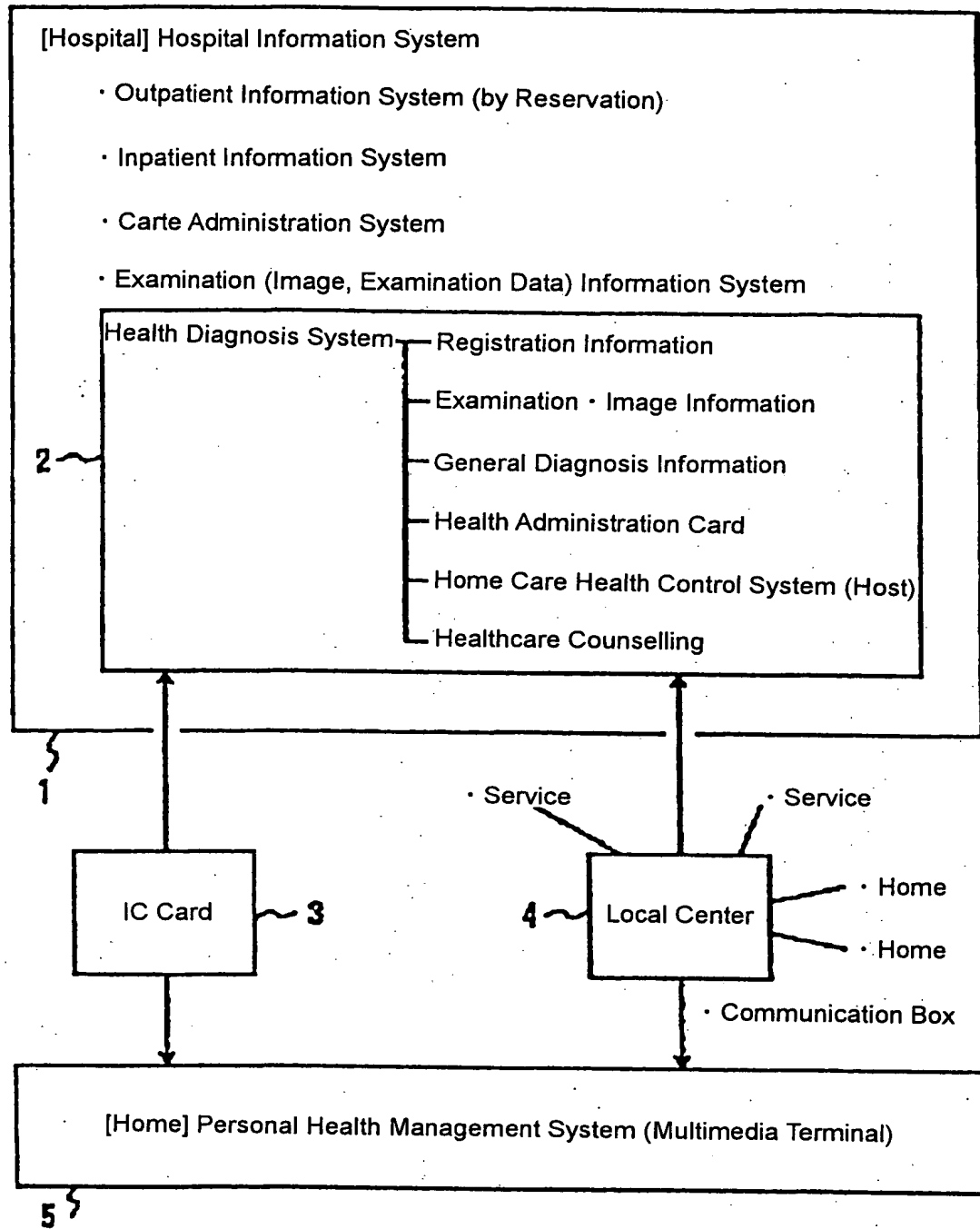
Fig. 1

[Hospital] Hospital Information System

· Outpatient Information System (by Reservation)

· Inpatient Information System

· Carte Administration System

· Examination (Image, Examination Data) Information System

Health Diagnosis System ┬ Registration Information

├ Examination · Image Information

├ General Diagnosis Information

├ Health Administration Card

├ Home Care Health Control System (Host)

└ Healthcare Counselling

2

1

IC Card ~ 3

· Service   · Service

4 ~ Local Center   · Home

· Home

· Communication Box

[Home] Personal Health Management System (Multimedia Terminal)

5

Fig. 4